

Please type a plus sign (+) inside this box →

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. <input type="text"/> 32860-000573/US
		Inventor(s) <input type="text"/> Herbert BRUDER; Thomas FLOHR; and Rainer RAUPACH
		Title <input type="text"/> HISTOGRAM-BASED IMAGE FILTERING IN COMPUTED TOMOGRAPHY
		Express Mail Label No. <input type="text"/> N/A

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO:	
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small>		Commissioner for Patents Box Patent Application P.O. Box 1450 Alexandria, VA 22313-1450	
2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small>			
3. <input checked="" type="checkbox"/> Specification <small>[Total Pages <input type="text"/> 23]</small> <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> - Descriptive title of the invention - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (<i>if filed</i>) - Detailed Description - Claim(s) - Abstract of the Disclosure 		7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)	
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <small>[Total Sheets <input type="text"/> 5]</small>		8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (<i>if applicable, all necessary</i>)	
5. Oath or Declaration <small>[Total Pages <input type="text"/> 1]</small> <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for a continuation/divisional with Box 18 completed)</small> c. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small> 		a. <input type="checkbox"/> Computer Readable Form (CRF)	
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		b. Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies	
ACCOMPANYING APPLICATIONS PARTS			
9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))			
10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of (when there is an assignee) Attorney			
11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>)			
12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations			
13. <input type="checkbox"/> Preliminary Amendment			
14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (<i>Should be specifically itemized</i>)			
15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) (<i>if foreign priority is claimed</i>)			
16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.			
17. <input type="checkbox"/> Other: _____			

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No: _____ / _____

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label		30593		or <input type="checkbox"/> Correspondence address below	
30593 (Insert Customer No. or Attach bar code label here)					
Name	Harness, Dickey & Pierce, P.L.C.				
Address	P.O. Box 8910				
City	Reston	State	VA	Zip Code	20195
Country	United States of America	Telephone	703-668-8000	Fax	703-668-8200

Name (Print/Type)	Donald J. Daley	Registration No. (Attorney/Agent)	34,313	
Signature			Date	June 27, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

19972 U.S.P.T.O.
10/606798
06/27/03

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

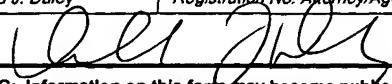
TOTAL AMOUNT OF PAYMENT (\$ 966

Complete If Known	
Application Number	New Application
Filing Date	June 27, 2003
Inventor(s)	Herbert BRUDER; Thomas FLOHR; and Rainer RAUPACH
Examiner Name	Unknown
Group / Art Unit	Unknown

Attorney Docket No. 32860-000573/US

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																														
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text" value="08-0750"/></p> <p>Deposit Account Name <input type="text" value="Harness, Dickey & Pierce, P.L.C."/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65 Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25 Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130 Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520 For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920* Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840* Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55 Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>410</td><td>216</td><td>205 Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>930</td><td>217</td><td>465 Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,450</td><td>218</td><td>725 Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,970</td><td>228</td><td>985 Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160 Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160 Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>260</td><td>221</td><td>140 Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510 Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55 Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,300</td><td>241</td><td>650 Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1300</td><td>242</td><td>650 Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>470</td><td>243</td><td>235 Design issue fee</td><td></td></tr> <tr><td>144</td><td>630</td><td>244</td><td>315 Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130 Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50 Processing fee under 37 CFR 1.17 (q)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180 Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40 Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>750</td><td>246</td><td>375 Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>750</td><td>249</td><td>375 For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>750</td><td>279</td><td>375 Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900 Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4">Other fee (specify) _____</td> </tr> <tr> <td colspan="4">*Reduced by Basic Filing Fee Paid</td> <td colspan="2">SUBTOTAL (3) <input type="text" value="(\$ 0)"/></td> </tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65 Surcharge - late filing fee or oath		127	50	227	25 Surcharge - late provisional filing fee or cover sheet		139	130	139	130 Non-English specification		147	2,520	147	2,520 For filing a request for reexamination		112	920*	112	920* Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840* Requesting publication of SIR after Examiner action		115	110	215	55 Extension for reply within first month		116	410	216	205 Extension for reply within second month		117	930	217	465 Extension for reply within third month		118	1,450	218	725 Extension for reply within fourth month		128	1,970	228	985 Extension for reply within fifth month		119	320	219	160 Notice of Appeal		120	320	220	160 Filing a brief in support of an appeal		121	260	221	140 Request for oral hearing		138	1,510	138	1,510 Petition to institute a public use proceeding		140	110	240	55 Petition to revive - unavoidable		141	1,300	241	650 Petition to revive - unintentional		142	1300	242	650 Utility issue fee (or reissue)		143	470	243	235 Design issue fee		144	630	244	315 Plant issue fee		122	130	122	130 Petitions to the Commissioner		123	50	123	50 Processing fee under 37 CFR 1.17 (q)		126	180	126	180 Submission of Information Disclosure Stmt		581	40	581	40 Recording each patent assignment per property (times number of properties)		146	750	246	375 Filing a submission after final rejection (37 CFR § 1.129(a))		149	750	249	375 For each additional invention to be examined (37 CFR § 1.129(b))		179	750	279	375 Request for Continued Examination (RCE)		169	900	169	900 Request for expedited examination of a design application		Other fee (specify) _____				*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) <input type="text" value="(\$ 0)"/>	
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																														
105	130	205	65 Surcharge - late filing fee or oath																																																																																																																																																															
127	50	227	25 Surcharge - late provisional filing fee or cover sheet																																																																																																																																																															
139	130	139	130 Non-English specification																																																																																																																																																															
147	2,520	147	2,520 For filing a request for reexamination																																																																																																																																																															
112	920*	112	920* Requesting publication of SIR prior to Examiner action																																																																																																																																																															
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action																																																																																																																																																															
115	110	215	55 Extension for reply within first month																																																																																																																																																															
116	410	216	205 Extension for reply within second month																																																																																																																																																															
117	930	217	465 Extension for reply within third month																																																																																																																																																															
118	1,450	218	725 Extension for reply within fourth month																																																																																																																																																															
128	1,970	228	985 Extension for reply within fifth month																																																																																																																																																															
119	320	219	160 Notice of Appeal																																																																																																																																																															
120	320	220	160 Filing a brief in support of an appeal																																																																																																																																																															
121	260	221	140 Request for oral hearing																																																																																																																																																															
138	1,510	138	1,510 Petition to institute a public use proceeding																																																																																																																																																															
140	110	240	55 Petition to revive - unavoidable																																																																																																																																																															
141	1,300	241	650 Petition to revive - unintentional																																																																																																																																																															
142	1300	242	650 Utility issue fee (or reissue)																																																																																																																																																															
143	470	243	235 Design issue fee																																																																																																																																																															
144	630	244	315 Plant issue fee																																																																																																																																																															
122	130	122	130 Petitions to the Commissioner																																																																																																																																																															
123	50	123	50 Processing fee under 37 CFR 1.17 (q)																																																																																																																																																															
126	180	126	180 Submission of Information Disclosure Stmt																																																																																																																																																															
581	40	581	40 Recording each patent assignment per property (times number of properties)																																																																																																																																																															
146	750	246	375 Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																															
149	750	249	375 For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																															
179	750	279	375 Request for Continued Examination (RCE)																																																																																																																																																															
169	900	169	900 Request for expedited examination of a design application																																																																																																																																																															
Other fee (specify) _____																																																																																																																																																																		
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) <input type="text" value="(\$ 0)"/>																																																																																																																																																														
<p>2. <input type="checkbox"/> Payment Enclosed:</p> <p><input type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>																																																																																																																																																																		
FEE CALCULATION				<p>SUBTOTAL (1) <input type="text" value="(\$ 750)"/></p> <p>SUBTOTAL (2) <input type="text" value="(\$ 216)"/></p>																																																																																																																																																														
Total Claims <input type="text" value="32"/> -20 ** = <input type="text" value="12"/> X <input type="text" value="18"/> = <input type="text" value="216"/>	Extra Claims	Fee from below	Fee Paid																																																																																																																																																															
Independent Claims <input type="text" value="2"/> -3 ** = <input type="text" value="0"/> X <input type="text" value="84"/> = <input type="text" value="0"/>																																																																																																																																																																		
Multiple Dependent	X	=	0																																																																																																																																																															
<p>Large Entity Small Entity</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>750</td><td>201</td><td>375</td><td>Utility filing fee</td><td><input type="text" value="750"/></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>520</td><td>207</td><td>260</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>750</td><td>208</td><td>375</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> </tbody> </table>				Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid	101	750	201	375	Utility filing fee	<input type="text" value="750"/>	106	330	206	165	Design filing fee		107	520	207	260	Plant filing fee		108	750	208	375	Reissue filing fee		114	160	214	80	Provisional filing fee																																																																																																																												
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid																																																																																																																																																													
101	750	201	375	Utility filing fee	<input type="text" value="750"/>																																																																																																																																																													
106	330	206	165	Design filing fee																																																																																																																																																														
107	520	207	260	Plant filing fee																																																																																																																																																														
108	750	208	375	Reissue filing fee																																																																																																																																																														
114	160	214	80	Provisional filing fee																																																																																																																																																														
<p>SUBTOTAL (1) <input type="text" value="(\$ 750)"/></p> <p>SUBTOTAL (2) <input type="text" value="(\$ 216)"/></p>																																																																																																																																																																		

**or number previously paid, if greater; For Reissues, see above

SUBMITTED BY						Complete (if applicable)
Name (Print/Type)	Donald J. Daley		Registration No. Attorney/Agent)	34,313	Telephone	703-668-8000
Signature				Date	June 27, 2003	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.